

## ABSTRACT

A sliding door system is described having a sliding door for being moved between a closed position and an open position, and an energy guide chain connected on one end to the sliding door and on the other end to a chassis of the vehicle. Electrical lines are disposed in and guided by the energy guide chain for transmitting electricity to components arranged in the sliding door. A curved region is formed between the ends of the energy guide chain, which moves with the sliding door and changes its radii of curvature depending on the position of the sliding door.